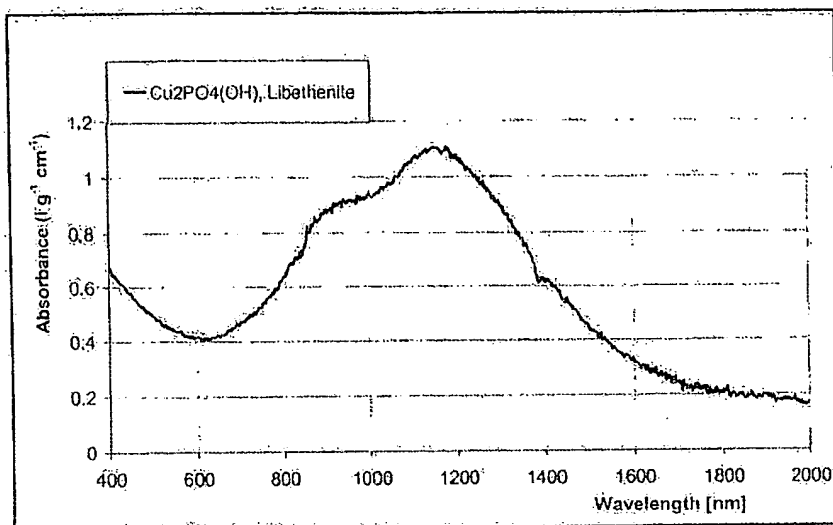


**Figure 1:**

Absorption spectrum of  $\text{Cu}_2\text{PO}_4\text{OH}$  in alkyd resin binder (concentration 1 g per l)



**Figure 2:**

Energy take-up of polyester (PET) compared with the energy radiated by an IR lamp.

1. Emission of an IR lamp with a radiation temperature of 2450 K
2. PET without IR absorber
3. PET with 15 ppm (0.0015 wt.%) of carbon black IR absorber (prior art)
4. PET with 100 ppm (0.01 wt.%) of  $\text{Cu}_2\text{PO}_4(\text{OH})$ , Libethenite

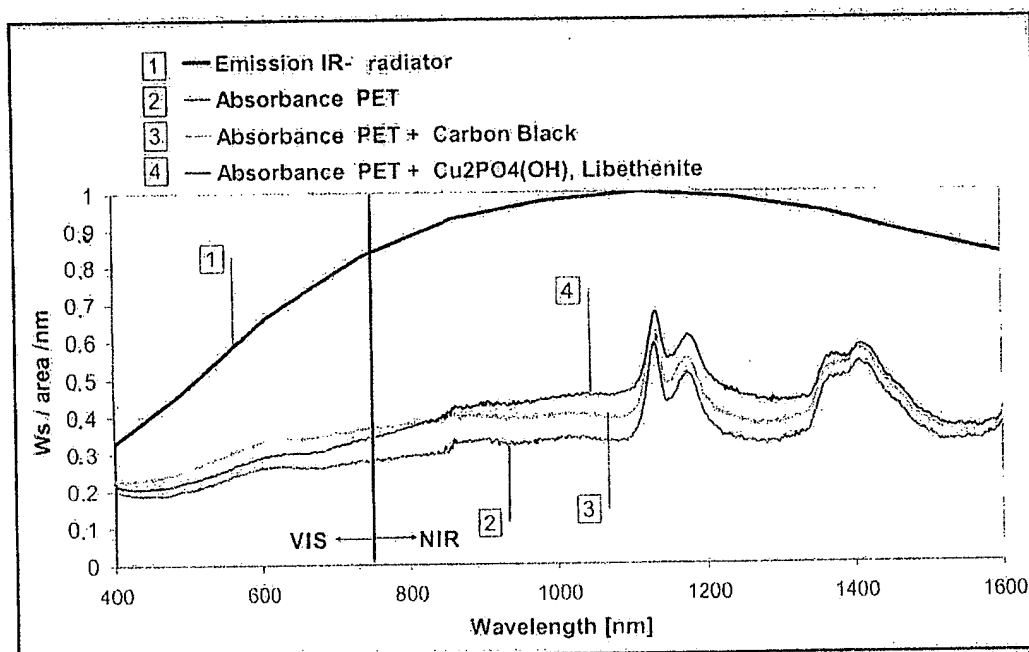
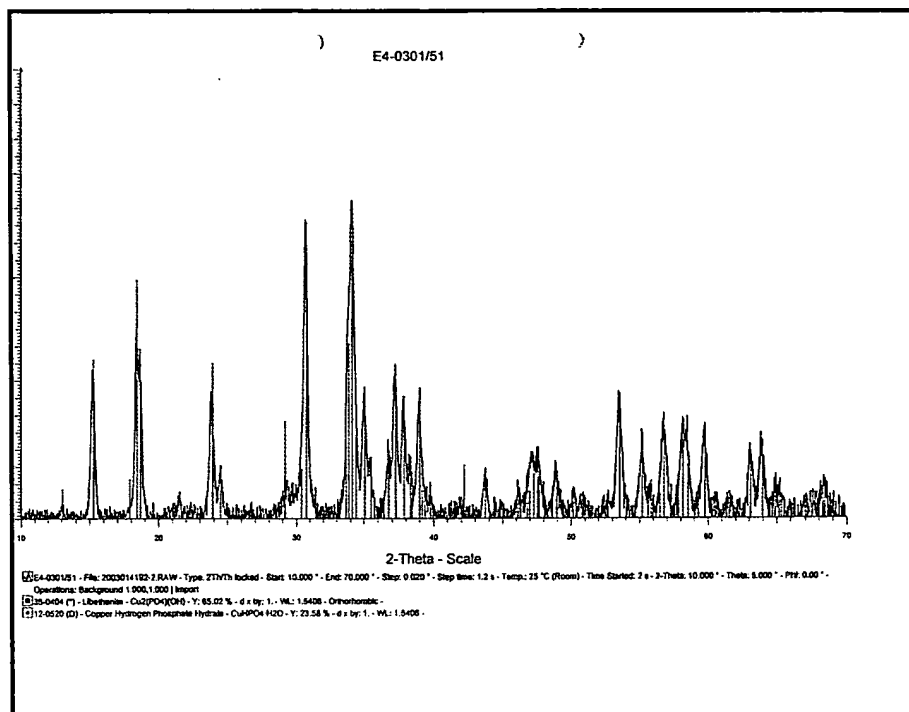
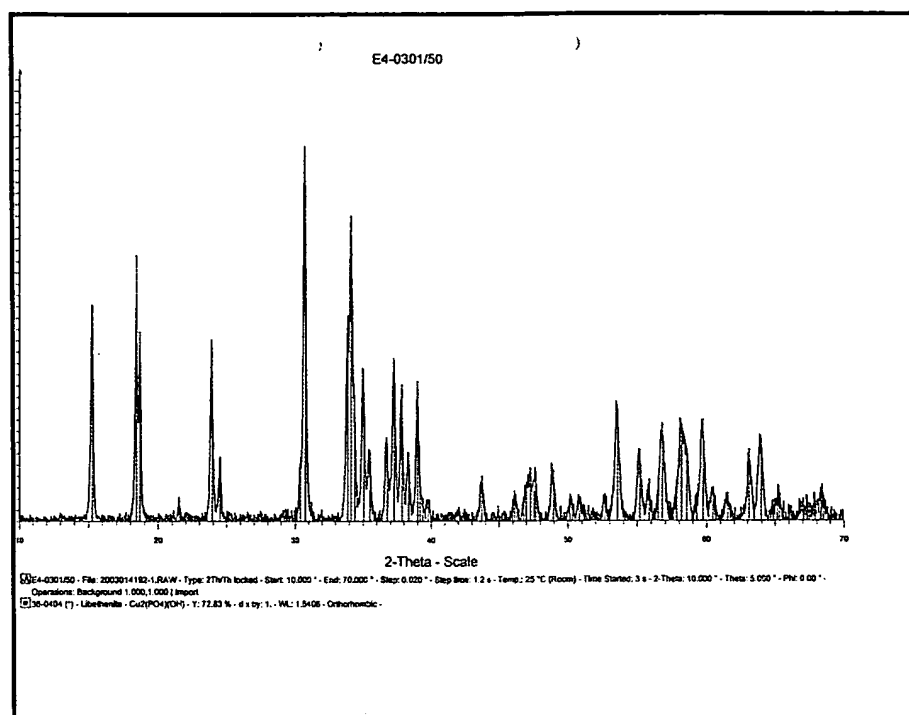


Figure 3: X-ray diffractogram of  $\text{Cu}_2\text{PO}_4\text{OH}$ , prepared according to Example 1



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Figure 4: X-ray diffractogram of  $\text{Cu}_2\text{PO}_4\text{OH}$ , prepared according to Example 2:



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